



UNITED STATES PATENT AND TRADEMARK OFFICE

9/11/03
UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

09/988,017

11/16/2001

Kanji Otsuka

43887-168

7677

20277

7590

12/17/2003

MCDERMOTT WILL & EMERY
600 13TH STREET, N.W.
WASHINGTON, DC 20005-3096

EXAMINER

LEE, BENNY T

ART UNIT

PAPER NUMBER

2817

DATE MAILED: 12/17/2003

Please find below and/or attached an Office communication concerning this application or proceeding.



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

RECEIVED DATE

☐ This application has been examined ☒ Responsive to communication filed on 22 Sept 2003 ☐ This action is made final.

A shortened statutory period for response to this action is set to expire Two (2) month(s), 2 days from the date of this letter.
Failure to respond within the period for response will cause the application to become abandoned. 35 U.S.C. 133

Part I THE FOLLOWING ATTACHMENT(S) ARE PART OF THIS ACTION:

- | | |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited by Examiner, PTO-892. | 2. <input type="checkbox"/> Notice re Patent Drawing, PTO-948. |
| 3. <input type="checkbox"/> Notice of Art Cited by Applicant, PTO-1449. | 4. <input type="checkbox"/> Notice of Informal Patent Application, Form PTO-152 |
| 5. <input type="checkbox"/> Information on How to Effect Drawing Changes, PTO-1474. | 6. <input type="checkbox"/> _____ |

Part II SUMMARY OF ACTION

1. ☒ Claims 1-10 are pending in the application.
Of the above, claims 1, 2, 3, 5, 6, 8-10 are withdrawn from consideration.
2. ☐ Claims _____ have been cancelled.
3. ☒ Claims 4, 7 are allowed.
4. ☐ Claims _____ are rejected.
5. ☐ Claims _____ are objected to.
6. ☒ Claims 1-10 are subject to restriction or election requirement.
7. ☐ This application has been filed with informal drawings under 37 C.F.R. 1.85 which are acceptable for examination purposes.
8. ☐ Formal drawings are required in response to this Office action.
9. ☐ The corrected or substitute drawings have been received on _____ Under 37 C.F.R. 1.84 these drawings are ☐ acceptable; ☐ not acceptable (see explanation or Notice re Patent Drawing, PTO-948).
10. ☐ The proposed additional or substitute sheet(s) of drawings, filed on _____, has (have) been ☐ approved by the examiner; ☐ disapproved by the examiner (see explanation).
11. ☐ The proposed drawing correction, filed _____, has been ☐ approved; ☐ disapproved (see explanation).
12. ☐ Acknowledgement is made of the claim for priority under U.S.C. 119. The certified copy has ☐ been received ☐ not been received ☐ been filed in parent application, serial no. _____; filed on _____.
13. ☒ Since this application appears to be in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11; 453 O.G. 213.
14. ☐ Other

Art Unit: 2817

Claims 1-3, 5, 6, 8-10 remain withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected species, there being no allowable generic or linking claim. Election was made without traverse in Paper No. 12.

Upon the resolution of the below noted informalities, these claims should be canceled.

This application is in condition for allowance except for the following formal matters:

In the Specification:

The disclosure is objected to because of the following informalities: In the replacement paragraph to page 3, line 15, penultimate line therein, note that "... more effectively restrained that the electromagnetic induction is caused ..." should be rephrased for a better characterization. In the replacement paragraph to page 8, line 24,, penultimate line, note that "As same as the case of" should be rephrased for a better characterization. Page 9, line 20 and page 22, line 14, note that reference to a "damascene" process is unclear in meaning and still needs further elaboration. In the replacement paragraph to page 9, line 25, twelfth line therein, note that "ground line 2, not in the signal line 1" should be rephrased for a proper characterization; 15th & 16th lines therein, note that "extinguished" should be rewritten as --eliminated-- at each occurrence; 17th line therein, note that "the direction" should be rewritten as --a direction-- for clarity. In the replacement paragraph to page 10, line 23, third & fourth lines therein, note that "directions" should be rewritten as --direction-- & third line therein, note that "to each other" should be deleted as being unnecessary; 17th & 18th lines, note that "in the direction to prevent" should be rephrased as --in a direction which prevents-- for a proper characterization; penultimate line therein, note that "...

Art Unit: 2817

remarkably appears for the high-frequency” should be rephrased for clarity. In the replacement paragraph to page 13, line 7, fourth line therein, note that “an” should be rewritten as --a--; eighth line therein, note that “exits” should correctly be --exist--; ninth line therein, note that “As the dielectric, for example,” should be rephrased as --For example, dielectrics such as--. In the replacement paragraph to page 14, line 4, fourth & fifth lines therein, note that “they” should be rewritten to recite the intended feature; seventh line therein, “directions” should be rewritten as --direction--. Page 17, line 25 and page 20, line 2, note that reference to “drawings” remains unclear (i.e. which drawings?). In the replacement paragraph to page 20, line 8, third line therein, --of-- should follow “pair”; 14th line therein, “as follows.” should be deleted & “That is,” should be rewritten as --that--; 16th line therein, note that “... are the density of the lines..” remains vague in meaning and needs clarification. In the replacement paragraph to page 23, line 16, note that “it” should be rewritten to recite the intended feature. Appropriate correction is required.

Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

Any inquiry concerning this communication should be directed to Benny Lee at telephone number 308-4902.



B. Lee

BENNY T. LEE
PRIMARY EXAMINER
ART UNIT 2817